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**ABSTRACT**

**OIL CARRY-OVER PREVENTION FROM HELIUM GAS COMPRESSOR**

The present invention provides a pumped helium circuit comprising a compressor (14)  
5 with a high pressure port (16) and a low pressure port (18) each connected to a  
supplied equipment (61,63,65,67) to respectively supply compressed helium to, and  
receive compressed helium from, the supplied equipment; a pressure relief valve (12)  
operable to link the high pressure port to the low pressure port in response to a  
predetermined pressure differential; a non-return valve (13) located between a low  
10 pressure side of the pressure relief valve and the supplied equipment; and means for  
preventing oil carry-over from the compressor to the supplied equipment.

[Fig. 3]